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**Title:** CS0175003B:

**Country:** CS Czechoslovakia

**Kind:** B Inventor's Certificate

**Inventor:** None

**Assignee:** None

**Published / Filed:** 1977-04-29 / 1973-05-22

**Application Number:** CS1973000733655

**IPC Code:** A62B 19/00;

**ECLA Code:** None

**Priority Number:** 1973-05-22 CS1973000733655



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**Family:**

PDF	Publication	Pub. Date	Filed	Title
<input checked="" type="checkbox"/>	CS0175003B	1977-04-29	1973-05-22	
1 family members shown above				

**Forward References:**

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PDF	Patent	Pub. Date	Inventor	Assignee	Title
<input checked="" type="checkbox"/>	US5344626	1994-09-06	Abler; Mary Jo	Minnesota Mining and Manufacturing Company	<a href="#">Dual impregnated activated carbon</a>

**Other Abstract Info:**

CHEMABS 090(26)209433W



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## Czech Patent 175,003

### Bibliographic Information

**Impregnated microporous sorbents for toxic gases.** Brych, Jan; Martinek, Jaroslav. (Czech.). Czech. (1978), 2 pp. CODEN: CZXXA9 CS 175003 19781115 Patent written in Czech.  
Application: CS 73-3655 19730522. CAN 90:209433 AN 1979:209433 CAPLUS

### Patent Family Information

Patent No.	Kind	Date	Application No.	Date
CS 175003	B	19770429	CS 1973-3655	19730522

#### Priority Application

CS 1973-3655	19730522
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### Abstract

Common sorbents were rendered more effective and resistant to decomn. by high temps. and breakthrough by toxic gases by impregnation with metal salts. Thus, microporous active C was sprayed with an aq. CuSO<sub>4</sub> soln., dried, and sprayed with an aq. K<sub>2</sub>CO<sub>3</sub> soln. to give a sorbent which traps NH<sub>3</sub>, H<sub>2</sub>S, and KCN at high relative humidity (>75%). A table is given showing numerous combinations of cations and anions useful for the sorption of NH<sub>3</sub>, KCN, NCCl, halogens, SO<sub>2</sub>, COCl<sub>2</sub>, and odors.

### Patent Classifications

IPC: A62B019-00.

Indexing -- Section 59-3 (Air Pollution and Industrial Hygiene)

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